10/576109

Attorney's Docket No. 045616/310443

## IAP15 Rec'd PCT/PTO 18 APR 2006

Attn: DO/US

IN THE UNITED STATES DESIGNATED OFFICE (DO/US)

In re: Miura

International Appl. No.: PCT/JP2004/015848

International Filing Date: 26 October 2004
For: DIRECTIONAL ANTENNA DEVICE

Mail Stop PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

## INFORMATION DISCLOSURE STATEMENT

Sir:

The patents listed on the attached PTO-1449 were cited in the International Search Report of corresponding International Application No. PCT/JP2004/015848. A copy of the Search Report is enclosed for the Examiner's convenience. In accordance with the Office waiver published July 11, 2003, copies of the cited U.S. patents and patent application publications are not enclosed. Applicant does enclose copies of any cited foreign patent documents and non-patent literature in accordance with 37 CFR 1.98(a)(2).

The Examiner may wish to consider the notations on the Search Report itself regarding the relevance of each item. It is requested that the Examiner consider these references and officially make them of record in accordance with the provisions of 37 C.F.R. § 1.97 and Section 609 of the MPEP. By submitting the listed documents, Applicant in no way makes any admission as to the prior art status of the listed documents, but is instead submitting the listed documents for the sake of full disclosure.

Respectfully submitted,

Donald M. Hill, Jr. Registration No. 40,646

12015 12000 12000 18 APR 2006

## **ALSTON & BIRD LLP**

Bank of America Plaza 101 South Tryon Street, Suite 4000 Charlotte, NC 28280-4000 Tel Charlotte Office (704) 444-1000 Fax Charlotte Office (704) 444-1111

Customer No. 00826

CLT01/4813734v1

"Express Mail" Mailing Label Number EV 339392385 US

Date of Deposit: April 18, 2006

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR

1.10 on the date indicated above and is addressed to Mail Stop PCT, iCommissioner for Patents, Alexandria, VA 223/13-1460.

Nancy McPartland

## IAP15 Rec'd PCT/PTO 18 APR 2006

Substitute for form 1449/PTO (Revised 07/2005)  INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)						Complete if Known 10 15760						
						International Appl. No.			Complete if Known 90 15 76 5 7 6 7 6			
						International Filing Da						
						First Named Inventor			Miura			
						Group Art Unit			ivituta			
						Gloup Art Ollit						
						Examiner Name						
Sheet	1	1 of 2			$\overline{}$	Attorney Docket Numbe		umber	045616/310443			
<u> </u>	2 U1 Z				1	Tittorney Booket Traineer			1 0 10010/310443			
		_				D . (222)						
U. S. PATENT DOCUMENTS												
Everniner	Cite		Document Number			Publication Date		Name of Patentee or		Pages, Columns, Lines, Where		
Examiner Initials*	No.	Number - Kind Code (if known)				M-DD-YYYY	,		of Cited Document	•	Relevant Passages of Relevant Figures	
	110.				55 1111		represent of cited bocumen		or Cited Document	Appear		
				1								
										<del></del>		
									·		-	
						<u></u>						
				İ								
							!					
	_											
				·								
		_		FOR	EIC	N PATENT	DO	CUME	NTS			
Foreign Patent Document										Pages, Columns, Lines, English		
Examiner	Cite				Publication Date MM-DD-YYYY				f Patentee or	Where Relevant Passages or Relevant Figures Appear	Language Translation	
Initials	No.	Country Code - Number Kind Cod		YY				nt of Cited				
		(if known)						Document		r iguies rippear	Attached	
								<u> </u>			<del>-</del>	
	1	JP :	JP 51-114053		10/07/1976		,	Toshiba Corporation			Abstract	
								•			Included	
	2	TD	TD 00 222957			00/05/1007		Т 1	70			
	2	JP 09-232857			09/05/1997				Communication		Abstract	
		<del> </del>						Equipi	nent Co., Ltd.		Included	
								<del>-</del>		_		
		+										
											-	
		-										
Examiner		.1	<del></del>			1	_	Date	1	<u> </u>	<u> </u>	
Signature								Consid	lered		ļ	

<sup>\*</sup>Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for f		OTO		Co	mplete if Known	111/5/6	
(Revised 07/20	005)			Application Number	PCT/JP2004/015848		
INDODA	<b>5</b> 4 75 T O	NDICCIC	CLIDE	Filing Date	26 October 2004		
		N DISCLO		First Named Inventor			
STATE	MENT :	BY APPLI	CANT	Group Art Unit	Miura		
(Us	as many si	heets as necessary	,)	Examiner Name			
Sheet	2	of	2	Attorney Docket Number			
3		<u> </u>		OTHER DOCUMENTS	045616/310443		
	1	<u> </u>				English	
Examiner Initials*	1 number(s), publisher, city and/or country where published						
	3	Copy of the In October 2004		earch Report for PCT Application N	lo. PCT/JP2004/015848; File	d 26	
37-180 (194) (194) (194) (194) (194) (194) (194) (194) (194) (194) (194) (194) (194) (194) (194) (194) (194)							
			***************************************				
da incominante de la cominante					44		
	***************************************						
H-1							
<del></del>							
				The state of the s			
and the same of th							
Examiner Signature		f-111 <del>1</del>		1,044	Date Considered		

CLT01/4813743v1

<sup>\*</sup>Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.